ABSTRACT OF THE DISCLOSURE

A system for simulating a medical procedure performed on a subject, featuring a simulated organ, a simulated medical instrument and a locator for determining the location of the instrument in the organ. The system further features a visual display for displaying images from the medical procedure. The visual display also includes a three-dimensional mathematical model for modeling the organ, which is divided into a plurality of linear segments. The location of the instrument in the organ is used to select the segment, which in turn is used to select the images for display on the visual display.

ABSTRACT OF THE DISCLOSURE

A system for simulating a medical procedure performed on a subject, featuring: (a) a simulated organ; (b) a simulated instrument for performing the medical procedure on the simulated organ; (c) a locator for determining a location of the simulated instrument within the simulated organ; and (d) a visual display for displaying images from the medical procedure, such that the images simulate visual data received during the medical procedure as performed on an actual subject, the visual display including: (i) a three-dimensional model of the simulated organ, the model being divided into a plurality of segments; (ii) a loader for selecting at least one of the plurality of segments for display, the at least one of the plurality of segments being selected according to the location of the simulated instrument within the simulated organ; (iii) a controller for selecting each image from the selected segment according to the location of the simulated instrument; and (iv) a displayer for displaying the image according to the controller.